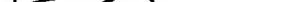


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Substitute for form 1449/APTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/774,974
				Filing Date	February 9, 2004
				First Named Inventor	Hongjiang Wu et al.
				Group Art Unit	1635
				Examiner Name	Sean McGarry
				Attorney Docket Number	ISIS0003-102(ISPH0522US.D1)
Sheet	2	of	2		

[illegible]

Examiner Signature		Date Considered	3/16/06
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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[illegible]

Examiner Signature		Date Considered	3/16/06
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2/9/04

Sheet 01 of 02

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. ISPH-0522	Serial No. 09/980,425 10/774,574
	Applicant Wu and Crooke	
	Filing Date <u>2/9/04</u> July 6, 2001	Group <u>1635</u> Not Yet Assigned

U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
M	AA	5,898,031	4-27-99	Crooke	435	172.3
R	AB	6,107,094	8-22-00	Crooke	435	455

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO

EXAMINER

DATE CONSIDERED

3/16/06

Form PTO-1449 Modified		Docket No. ISPH-0522	Serial No. 09/900,425
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Wu and Crooke	
		Filing Date <u>2/9/04</u> July 6, 2001	Group <u>1635</u> Not Yet Assigned
U.S. Department of Commerce			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Chanfreau et al., "Alternative 3'-end processing of U5 snRNA by RNase III", <i>Genes and Devel.</i> 1997 11:2741-2751	
	AB	Court D., "RNA Processing and Degradation by RNase III", <i>Control of Messenger RNA Stability</i> 1993 Academic Press, Inc., Belasco and Brawerman, eds. 71-116	
	AC	Elbashir et al., "RNA interference is mediated by 21- and 22-nucleotide RNAs", <i>Genes and Devel.</i> 2001 15:188-200	
	AD	Elbashir et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells", <i>Nature</i> 2001 411:494-498	
	AE	Elela et al., "RNase III Cleaves Eukaryotic Preribosomal RNA at a U3 snoRNP-Dependent Site", <i>Cell</i> 1996 85:115-1124	
	AF	Mian I.S., "Comparative sequence analysis of ribonucleases HII, III, II, PH and D", <i>Nucleic Acids Res.</i> 1997 25(16):3187-3195	
	AG	Qu et al., "Seven Novel Methylation Guide Small Nucleolar RNAs Are Processed from a Common Polycistronic Transcript by Ratlp and RNase III in Yeast", <i>Mol. Cell. Biol.</i> 1999 19(2):1144-1158	
	AH	Wu et al., "Identification and Partial Purification of Human Double Strand RNase Activity", <i>J. Biol. Chem.</i> 1998 273(5):2532-2542	
EXAMINER		DATE CONSIDERED <u>3/16/06</u>	

PTO/SB/08a (08-03)

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	10/774,974
Filing Date	February 9, 2004
First Named Inventor	Stanley T. Crooke
Art Unit	To Be Determined 1685
Examiner Name	To Be Determined
Attorney Docket Number	ISIS0003-102 (ISPH-0522US.D1)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
M	AQ	Arya et al., "Inhibition Of RNA Directed DNA Polymerase Of Murine Leukemia Virus By 2'-O-Alkylated Polyadenylic Acides," <i>Biochem. Biophys. Res. Commun.</i> , 1974, Vol. 59, No. 2, pp. 608-615.	
M	AR	Arya et al., "Inhibition Of Synthesis Of Murine Leukemia Virus In Cultured Cells By Polyribonucleotides And Their 2'-O-Alkyl Derivatives," <i>Molecular Pharmacology</i> , 1976, Vol. 12, pp. 234-241.	
M	AS	DeClercq et al., "Influence Of Various 2- And 2'-Substituted Polyadenyl Acids On Murine Leukemia Virus Reverse Transcriptase," <i>Cancer Letters</i> , 1979, Vol. 7, pp. 27-37.	
M	AT	Hobbs et al., "Polynucleotides Containing 2'-Amino 2'-deoxyribose And 2'-Azido-2'-deoxyriboes," <i>Biochem.</i> , 1973, Vol. 12, pp. 5138-5145.	
M	AU	Hobbs et al., "Poly 2'-Deoxy-2'-Aminouridylic Acid," <i>Biochem. Biophys. Res. Commun</i> , 1972, Vol. 46, No. 4, pp. 1509-1515.	
M	AV	Hobbs et al., "Polynucleotides Containing 2'-Chloro-2'-deoxyribose," <i>Biochem.</i> , 1972, Vol. 11, pp. 4336-4344.	
M	AW	Pieken et al., "Kinetic Characterization Of Ribonuclease-Resistant 2'-Modified Hammerhead Ribozymes," <i>Science</i> , 1991, Vol. 253, pp. 314-317.	
M	AX	Pilet et al., "Structural Parameters Of Single And Double Helical Polyribonucleotides," <i>Biochem. Biophys Res. Commun</i> , 1973, Vol. 52, No. 2, pp. 517-523.	
M	AY	Rottman et al., "Polynucleotides Containing 2'-O-Methyladenosine. I. Synthesis By Polynucleotide Phosphorylase," <i>Biochem</i> , 1968, Vol. 7, pp. 2634-2641.	
M	AZ	Rottman et al., "Polymers Containing 2'-O-Methylnucleotides. II. Synthesis Of Heteropolymers," <i>Biochem</i> , 1969, Vol. 8, No. 11, pp. 4354-4361.	
M	BA	Wincott et al., "Synthesis, Deprotection, Analysis And Purification Of RNA And Ribozymes," <i>Nucl. Acids Res.</i> , 1995, Vol. 23, No. 14, pp. 2677-2684.	

Examiner
SignatureDate
Considered

3/16/06

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	3	of	3
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Complete if Known

Application Number	10/774,974
Filing Date	February 9, 2004
First Named Inventor	Stanley T. Crooke
Art Unit	To Be Determined 1635
Examiner Name	To Be Determined
Attorney Docket Number	ISIS0003-102 (ISPH-0522US.D1)

NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
Signature**

Date
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